1450nm Laser Diode	5W/E-mount	en.wavespectrum-laser.com.cn	
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	+10~+30	℃
Storage Temperature	T_{stg}	-20~+80	℃
Lead soldering temperature (10 sec.)	T_{ls}	260	℃

Features:

- 1450nm
- 5W Output Power
- E-mount Package

Applications:

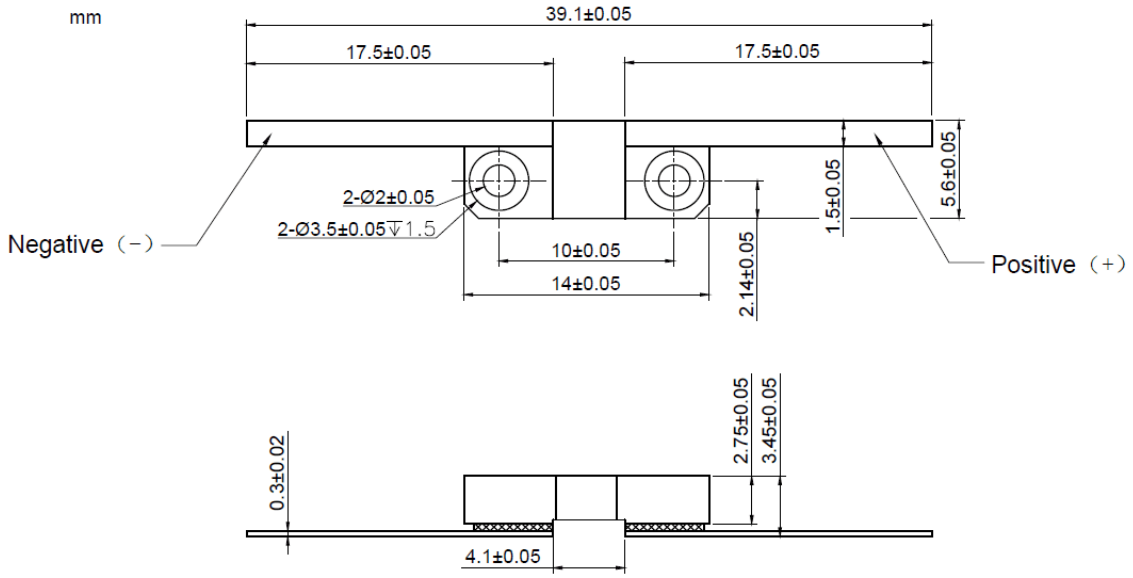
- Medical Laser Treatment
- Others



Specifications	WSLD-1450-005-E		
	Min	Type	Max
Center Wavelength@25℃	1450nm±40nm		
Spectral Width (FWHM)	----	10.0nm	----
Output Power	4W	5W	----
Emitter Area	----	200x1μm	----
Beam Divergence	----	30°⊥ x 12°//	----
Temperature Coefficient of Wavelength	----	0.7nm / °C	----
Slope Efficiency	----	0.4W/A	----
Threshold Current (Typ.)	----	1.0A	2.0A
Operating Current (Typ.)	----	14.0A	15.0A
Operating Voltage	----	1.6V	2.0V
Package Style	E-mount-01		
Recommended Operating Temperature	25℃		

Wavespectrum Laser Group
www.wavespectrum-laser.com
sales@wavespectrum-laser.com

E-mount-01 Package View



Electrically shorten LD module and store in non-extreme conditions.
Suggest using the constant current power supply.

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